

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Jeffrey Scott Goldmeer, et al.	Examiner:	Unassigned
Serial No:	Unassigned	Art Unit:	Unassigned
Filed:	Herewith	Docket:	16541
For:	WAVE ROTOR BASED POWER AND PROPULSION GENERATION FOR A MARINE VESSEL	Dated:	November 3, 2003

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

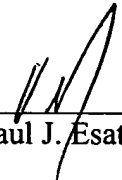
In accordance with 37 C.F.R. §§ 1.97 and 1.98, it is requested that the following references, which are also listed on the attached Form PTO-1449, be made of record in the above-identified case.

1. United States Patent No. 6,584,764 B2, issued to Baker, dated July 1, 2003;
2. United States Patent Application Publication No. 2003/0079713 A1, to Nalim, dated May 1, 2003;
3. United States Patent Application Publication No. 2003/0029162 A1, to Baker, dated February 13, 2003;

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on November 3, 2003.

Dated: November 3, 2003



Paul J. Esatto, Jr.

4. United States Patent No. 6,460,342 B1, issued to Nalim, dated October 8, 2002;
5. United States Patent No. 6,449,939 B1, issued to Snyder, dated September 17, 2002;
6. United States Patent Application Publication No. 2002/0068250 A1, to Nalim, dated June 6, 2002;
7. United States Patent No. 6,351,934 B2, issued to Snyder, dated March 5, 2002;
8. United States Patent No. 6,526,936 B2, issued to Nalim, dated March 4, 2003;
9. United States Patent No. 5,702,273, issued to Cho, et al., dated December 30, 1997;
10. United States Patent No. 4,424,042, issued to Gongwer, dated January 3, 1984;
11. Greendyke, R.B., et al., "Dynamic Simulation of a Wave Rotor Topped Turboshaft Engine", NASA Technical Memorandum 107514 (1997), pp. 1-9;
12. Jones, S.M., et al., "Performance Benefits for Wave Rotor-Topped Gas Turbine Engines", American Society of Mechanical Engineers (1996), pp. 1-11;
13. Nalim, M.R., "Pulse Combustion and Wave Rotors for High-Speed Propulsion Engines", American Institute of Aeronautics and Astronautics (1998), pp. 1-8;
14. Welch, G.E., et al., "Wave Rotor-Enhanced Gas Turbine Engines", NASA Technical Memorandum 106998 (1995), pp. 1-13;
15. Welch, G.E., et al., "Wave-Rotor-Enhanced Gas Turbine Engine Demonstrator", NASA Technical Memorandum 1999-209459 (1999), pp. 1-10;
16. Wilson, J., et al., "Transmission and Incidence Losses for a Slotted Plate", American Institute of Aeronautics and Astronautics (1998), pp. 1-10;
17. Wilson, J., et al., "Jet Engine Performance Enhancement Through Use of a Wave-Rotor Topping Cycle", NASA Technical Memorandum 4486 (1993), pp. 1-10; and

18. Wilson, J., et al., "Wave Rotor Optimization for Gas Turbine Engine Topping Cycles", AIAA Journal of Propulsion and Power (1996), Vol. 12, No. 4, pp. 778-785.

Applicants are submitting copies of the above-cited references.

Inasmuch as this Information Disclosure Statement is being submitted in accordance with the schedule set out in 37 C.F.R. § 1.97(b), no statement or fee is required.

Respectfully submitted,



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INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Docket Number (Optional) 16541		Application Number Unassigned	
				Applicant(s) Jeffrey Scott Goldmeer, et al.			
				Filing Date Herewith		Group Art Unit Unassigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,584,764 B2	7/1/2003	Baker			
		2003/0079713 A1	5/1/2003	Nalim			
		2003/0029162 A1	2/13/2003	Baker			
		6,460,342 B1	10/8/2002	Nalim			
		6,449,939 B1	9/17/2002	Snyder			
		2002/0068250 A1	6/6/2002	Nalim			
		6,351,934 B2	3/5/2002	Snyder			
		6,526,936 B2	3/4/2003	Nalim			
		5,702,273	12/30/1997	Cho, et al.			
		4,424,042	1/3/1984	Gongwer			

FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Greendyke, R.B., et al., "Dynamic Simulation of a Wave Rotor Topped Turboshift Engine", NASA Technical Memorandum 107514 (1997), pp. 1-9
		Jones, S.M., et al., "Performance Benefits for Wave Rotor-Topped Gas Turbine Engines", American Society of Mechanical Engineers (1996), pp. 1-11
		Nalim, M.R., "Pulse Combustion and Wave Rotors for High-Speed Propulsion Engines", American Institute of Aeronautics and Astronautics (1998), pp. 1-8

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
		Welch, G.E., et al., "Wave Rotor-Enhanced Gas Turbine Engines", NASA Technical Memorandum 106998 (1995), pp. 1-13
		Welch, G.E., et al., "Wave-Rotor-Enhanced Gas Turbine Engine Demonstrator", NASA Technical Memorandum 1999-209459 (1999), pp. 1-10
		Wilson, J., et al., "Transmission and Incidence Losses for a Slotted Plate", American Institute of Aeronautics and Astronautics (1998), pp. 1-10
		Wilson, J., et al., "Jet Engine Performance Enhancement Through Use of a Wave-Rotor Topping Cycle", NASA Technical Memorandum 4486 (1993), pp. 1-10
		Wilson, J., et al., "Wave Rotor Optimization for Gas Turbine Engine Topping Cycles", AIAA Journal of Propulsion and Power (1996), Vol. 12, No. 4, pp. 778-785

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